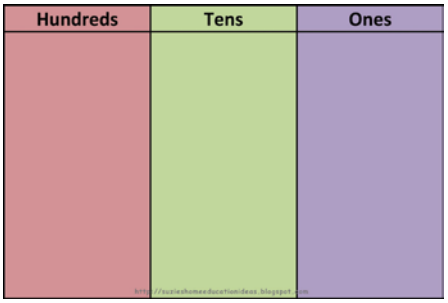
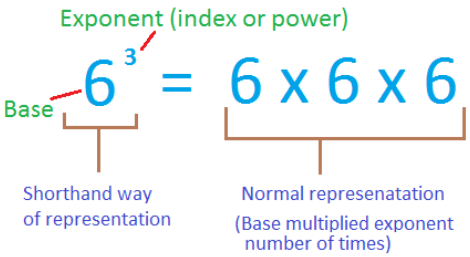
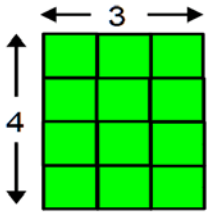
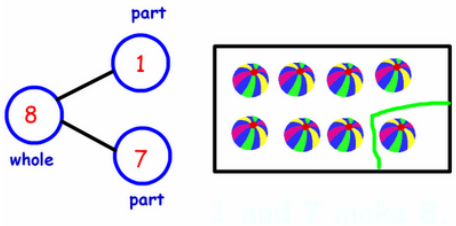
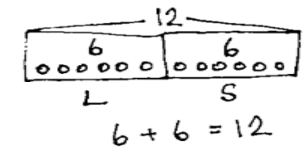
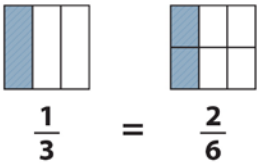
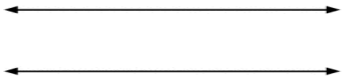
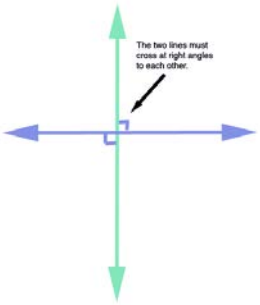
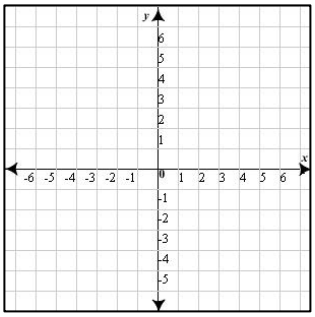
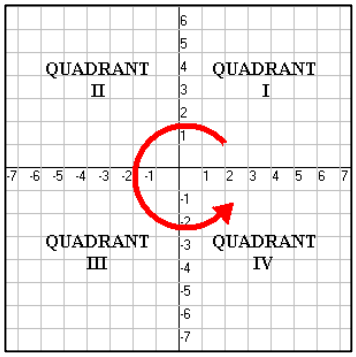
Grade 5 Vocabulary/ Representation		
Vocabulary	**Description**	**Representation**
Equation	**Statement that two mathematical expressions have the same value, indicated by use of the symbol.**	**12 = 4 x 2 + 4**
Place Value Chart	**The value of a number according to the place it holds.**	
Exponents	**How many times a number is to be used in a multiplication sentence.**	
Area Models	**A model for multiplication problems, in which the length and width of a rectangle represents the factors.**	
Number Bond	**Number bond uses a part-whole-part concept to present the relation between the 3 numbers.**	

Grade 5 Vocabulary/ Representation		
Vocabulary	**Description**	**Representation**
Tape Diagram	**Tape diagrams show the relationship between two quantities.**	
Rectangular Fraction Model	**Rectangular Fraction Models help students see the relationship between fractions and help show equivalent fractions.**	 Example of a rectangular fraction model
Parallel Lines	**Two lines in a plane that do not intersect.**	
Perpendicular	**Two lines are *perpendicular* if they intersect, and any of the angles formed between the lines are 90˚ angles.**	
Coordinate Plane	**Plane spanned by the *x*-axis and *y*-axis in which the coordinates of a point are distances from the two perpendicular axes.**	

Grade 5 Vocabulary/ Representation		
Vocabulary	**Description**	**Representation**
Quadrants	**The four sections of the coordinate plane formed by the intersection of the axes.**	
Ordered Pair	**Two quantities written in a given fixed order, usually written as (*x*, *y*).**	Ordered Pair (x, y) (X-value or x-coordinate , Y-value or y-coordinate)
Angle	**Union of two different rays sharing a common vertex.**